



# Electricity Oversight Board

*Daily Report for Tuesday, January 6, 2004*

The average zonal price increased by 29 percent for SP15 to \$65.40/MWh and NP15 to \$64.80/MWh. Congestion on Path 26 at the Southwest Power Link (Palo Verde) between 11 a.m. and noon resulted in the split zonal price. Prices for the day were higher and could have resulted from:

- \*Price spikes that occurred at 6 p.m. (\$142.87) and 11 p.m. (\$152.45)
- High generation outage levels that ranged between 8,200 MW and 9,200 MW.
- Higher natural gas prices. The average natural gas increased by 9 percent to \$6.70/MMBtu.
- Cool temperatures. Although temperatures increased 1 degree, temperatures across the state remained cool and ranged between 52 and 72 degrees.
- Increased demand. The average actual demand increased by 209 MW.

In an effort to mitigate intra-zonal congestion, the CAISO requested decremental energy bids for the following:

- Miguel Imports between 7 a.m. and 10 p.m.
- Sylmar Banks between 7 a.m. and 8 a.m.

The CAISO did not issue any transmission capacity rating changes for the day.

**\*The CAISO experienced deficient bid volume offered into ancillary services market. This situation occurs when the CAISO cannot comply with the Western Electricity Coordinating Council (WECC) recommended 7-percent ancillary services requirement. This resulted in the price spikes that occurred at 6 p.m. and 9.p.m. See figure 2**

Figure 1 - SP15 & NP15 7-Day Rolling Average Prices

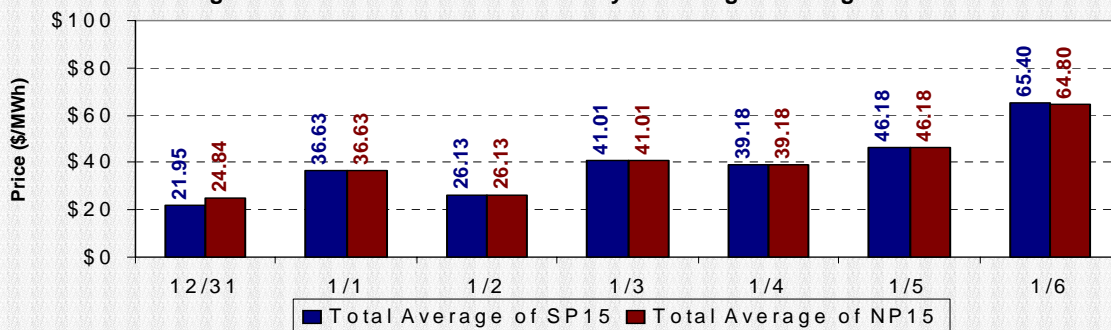
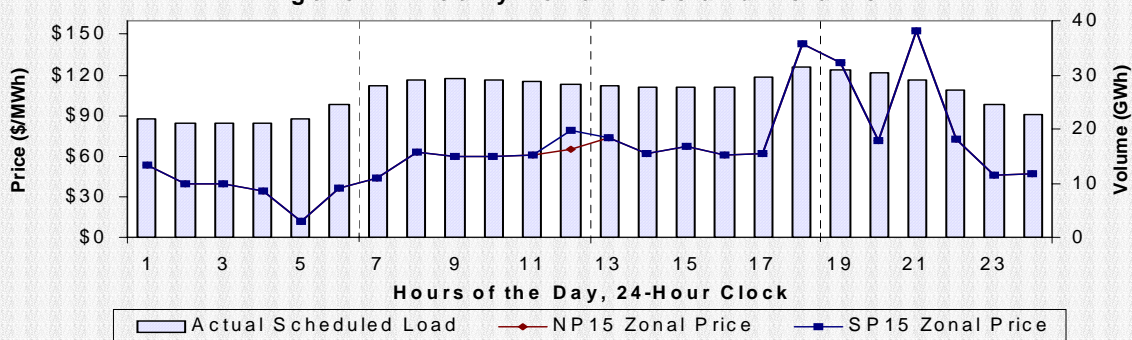


Figure 2 - Hourly Zonal Price and Volume





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Figure 3 - On-Peak Average Price by Market Area

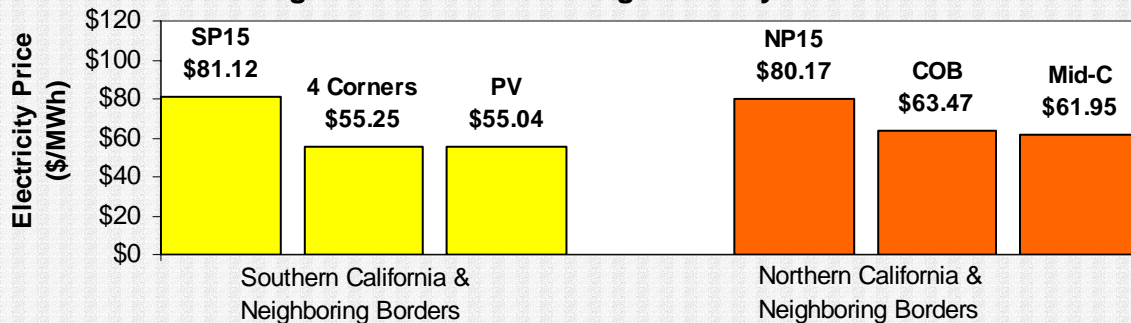


Figure 4a - Seven Day Snapshot of NP15

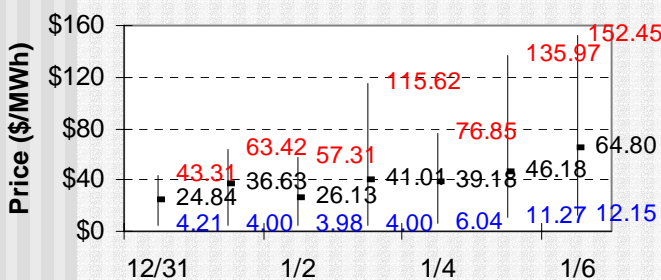


Figure 4b - Seven Day Snapshot of SP15

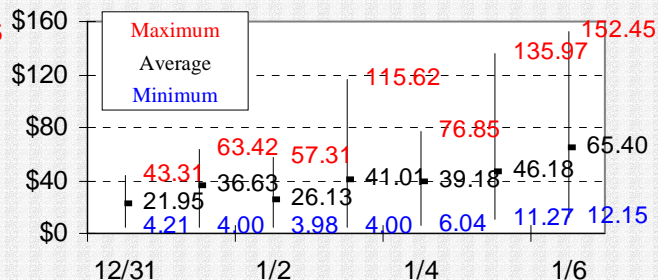
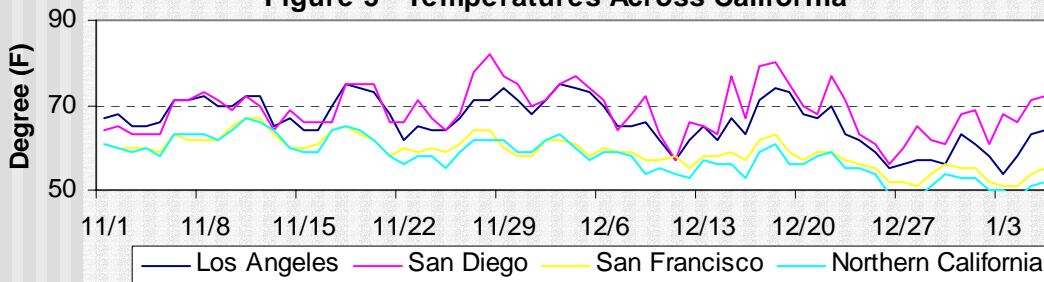


Figure 5 - Temperatures Across California



| Region        | Temp (F) | Degree Change |
|---------------|----------|---------------|
| Los Angeles   | 64       | 1             |
| San Diego     | 72       | 1             |
| San Francisco | 55       | 1             |
| Northern CA   | 52       | 1             |

Figure 6 - Average Natural Gas Price

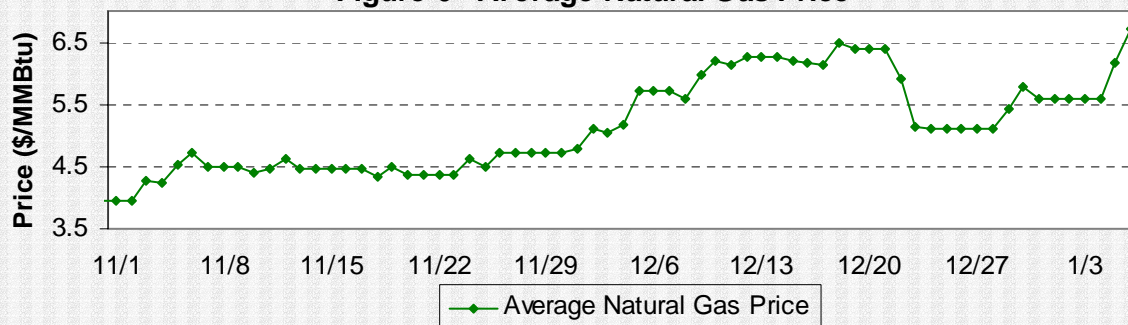


Figure 7 - Average Daily Zonal Price & Total Actual Load

